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REPLACEMENT SHEETS

PATENT & TRADEMARK OFFICE
DEC 23 2004
OIPE

FIG. 1

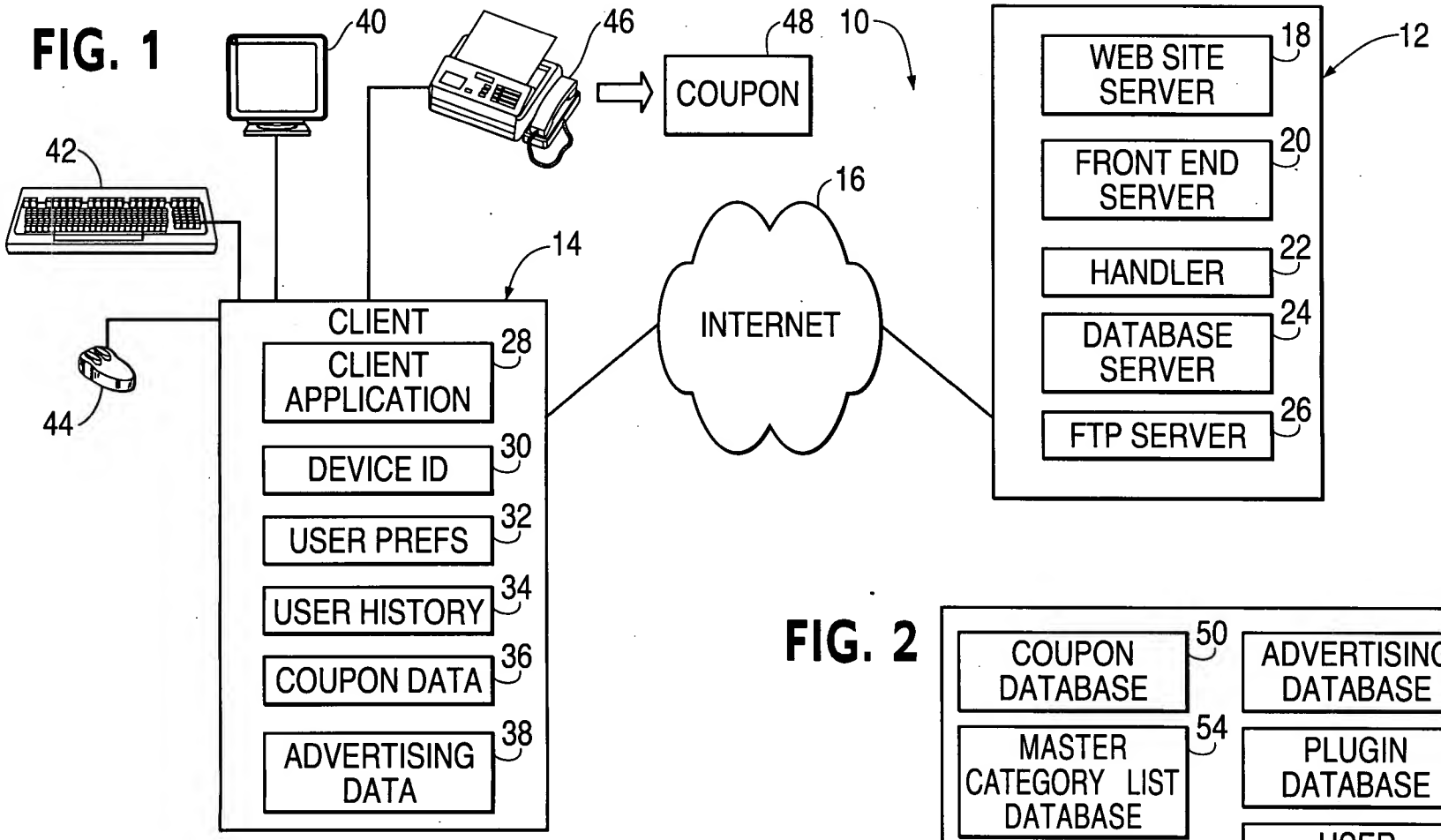
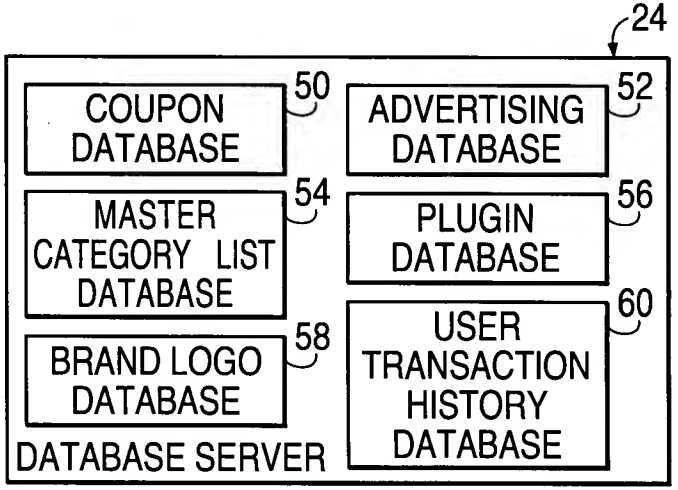


FIG. 2



REPLACEMENT SHEET

FIG. 3A

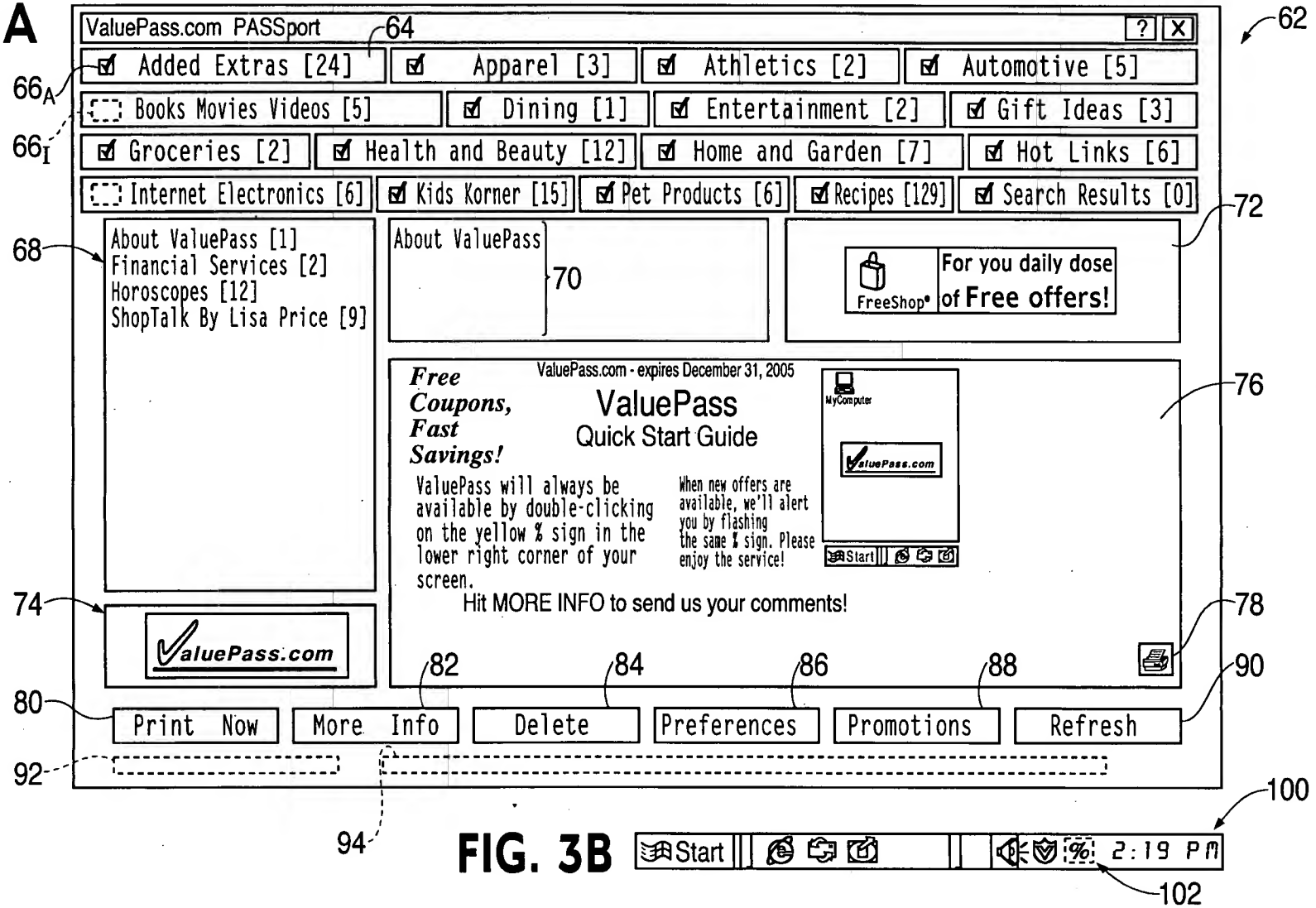


FIG. 3B

REPLACEMENT SHEET

REPLACEMENT SHEET

FIG. 4

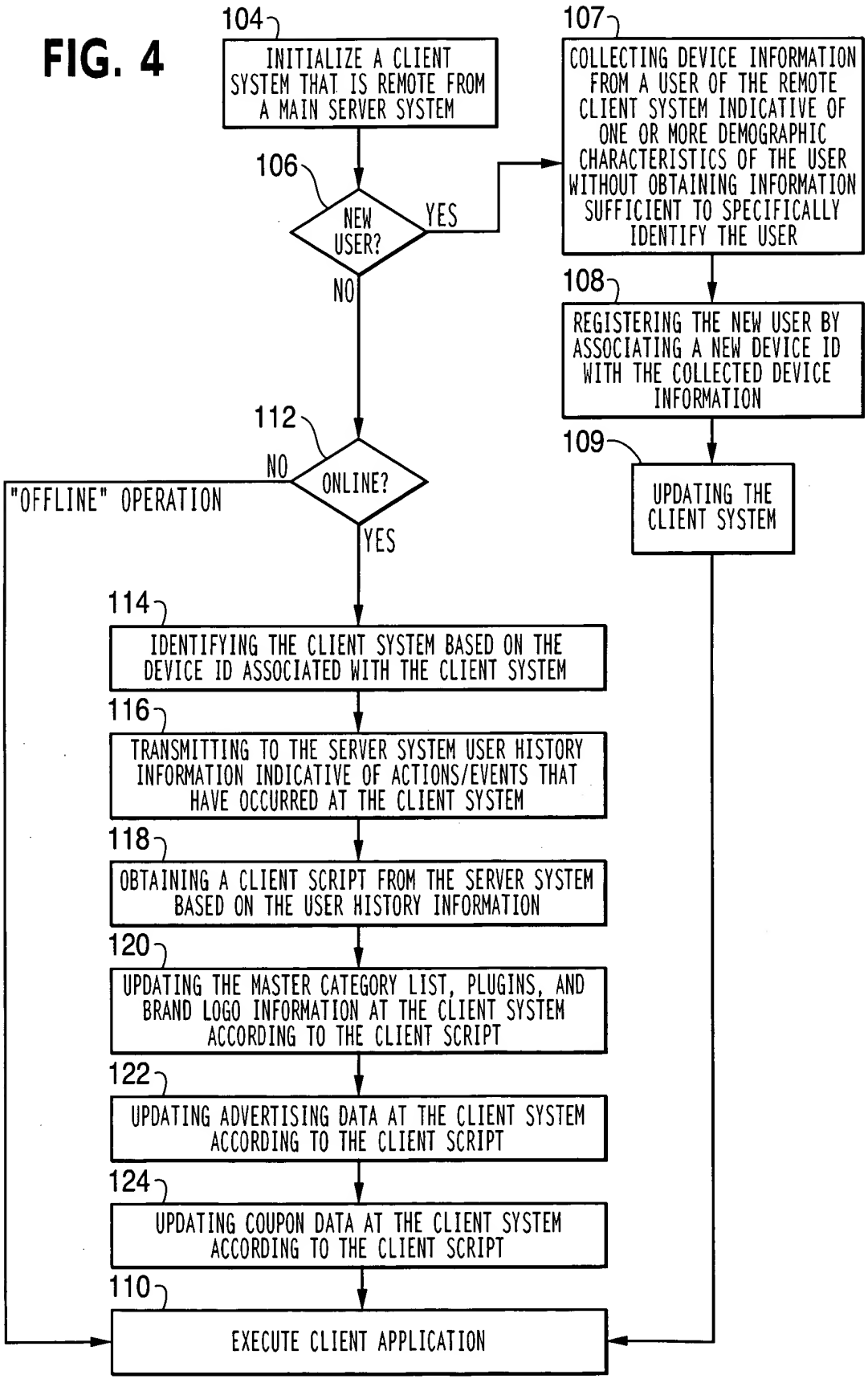


FIG. 5

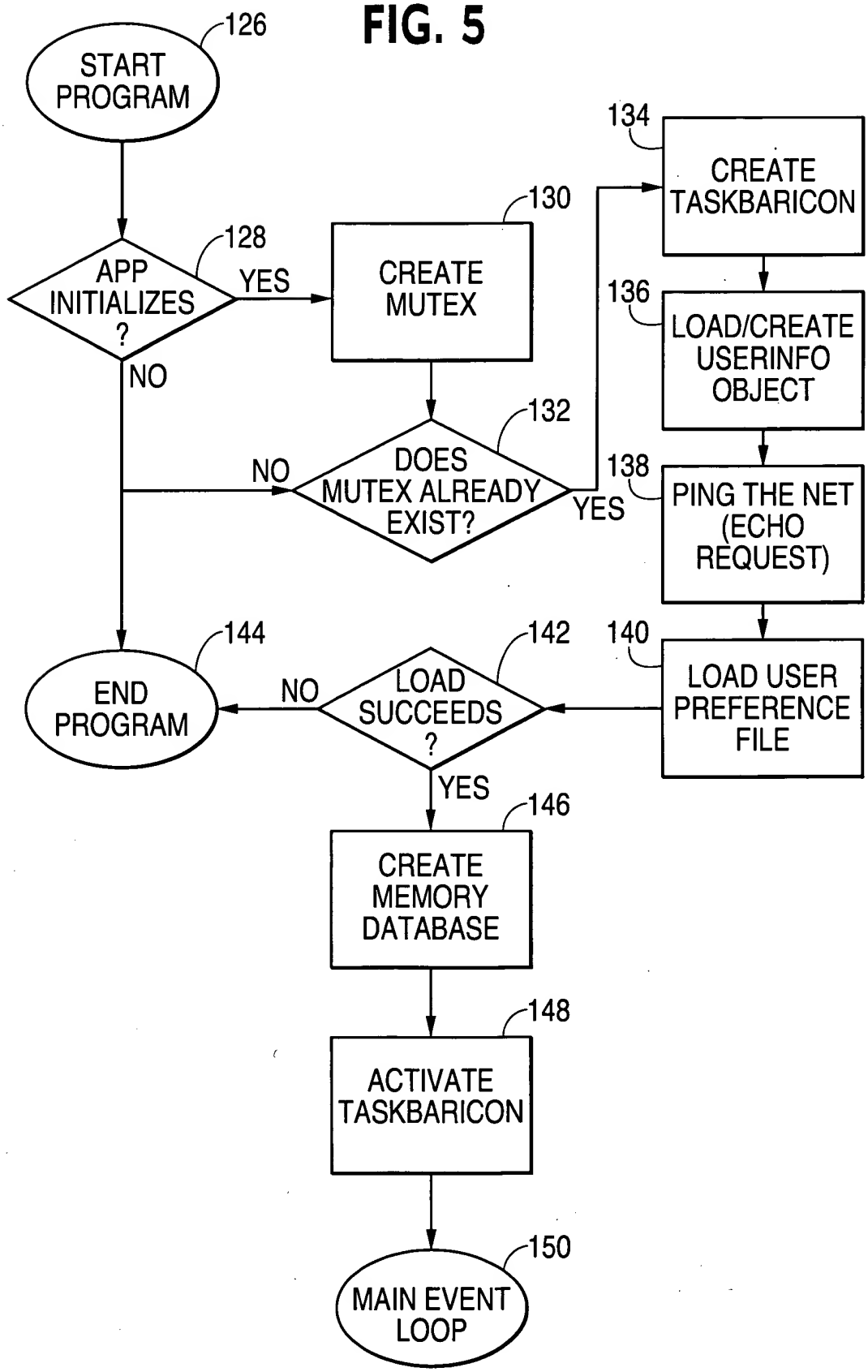

126
START PROGRAM
128
APP INITIALIZES ?
YES
NO
130
CREATE MUTEX
132
DOES MUTEX ALREADY EXIST?
NO
YES
134
CREATE TASKBARICON
136
LOAD/CREATE USERINFO OBJECT
138
PING THE NET (ECHO REQUEST)
140
LOAD USER PREFERENCE FILE
142
LOAD SUCCEEDS ?
NO
YES
144
END PROGRAM
146
CREATE MEMORY DATABASE
148
ACTIVATE TASKBARICON
150
MAIN EVENT LOOP

FIG. 6

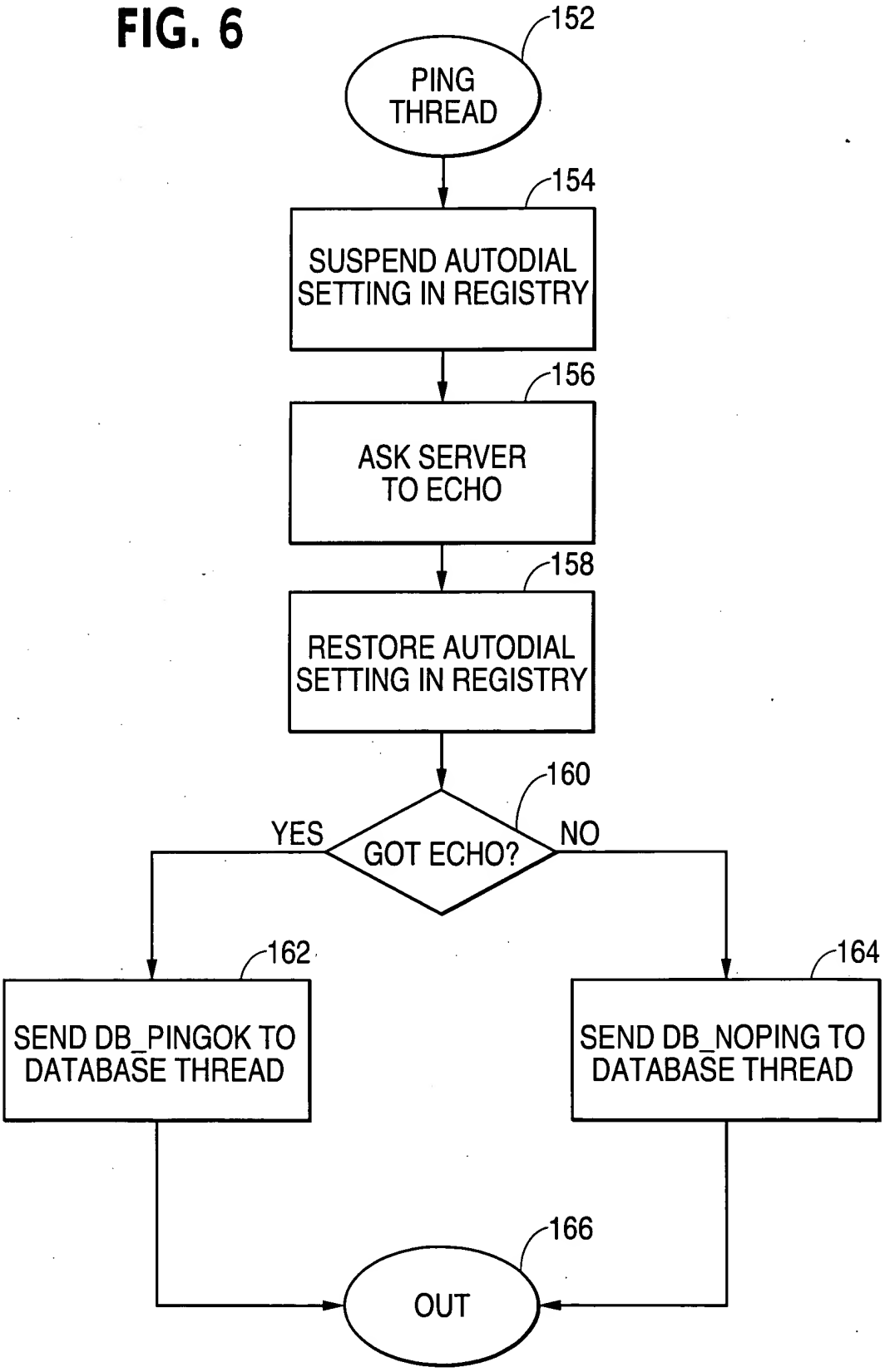
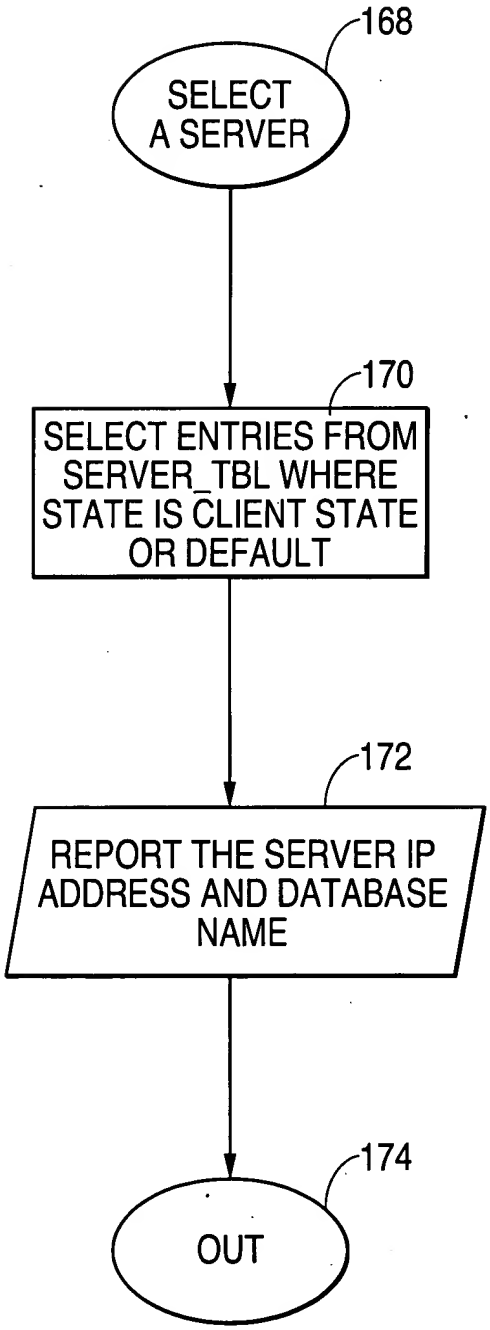

152
PING THREAD
154
SUSPEND AUTODIAL SETTING IN REGISTRY
156
ASK SERVER TO ECHO
158
RESTORE AUTODIAL SETTING IN REGISTRY
160
GOT ECHO?
YES
NO
162
SEND DB_PINGOK TO DATABASE THREAD
164
SEND DB_NOPING TO DATABASE THREAD
166
OUT

FIG. 7


168
SELECT A SERVER
170
SELECT ENTRIES FROM SERVER_TBL WHERE STATE IS CLIENT STATE OR DEFAULT
172
REPORT THE SERVER IP ADDRESS AND DATABASE NAME
174
OUT

REPLACEMENT SHEET

FIG. 8

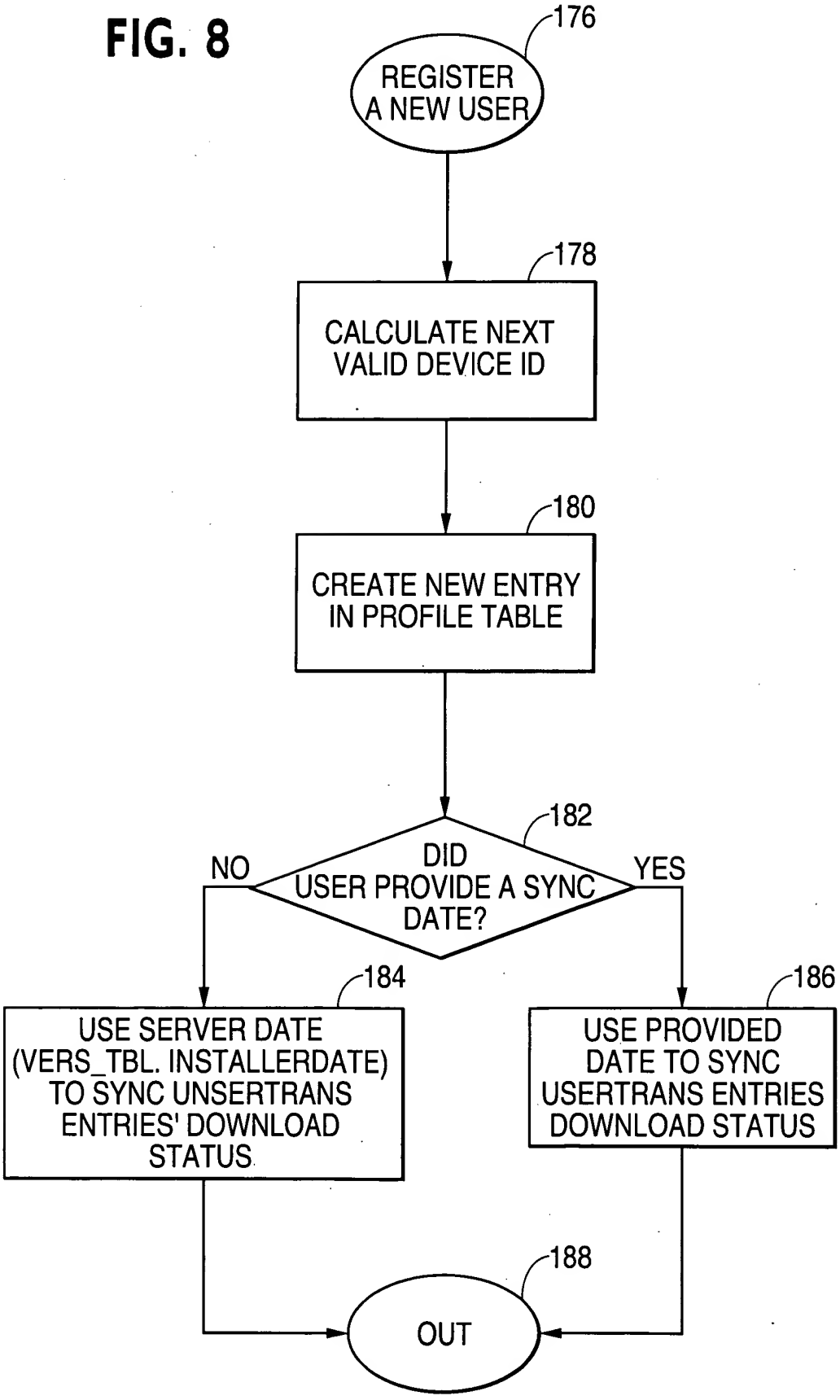


FIG. 9

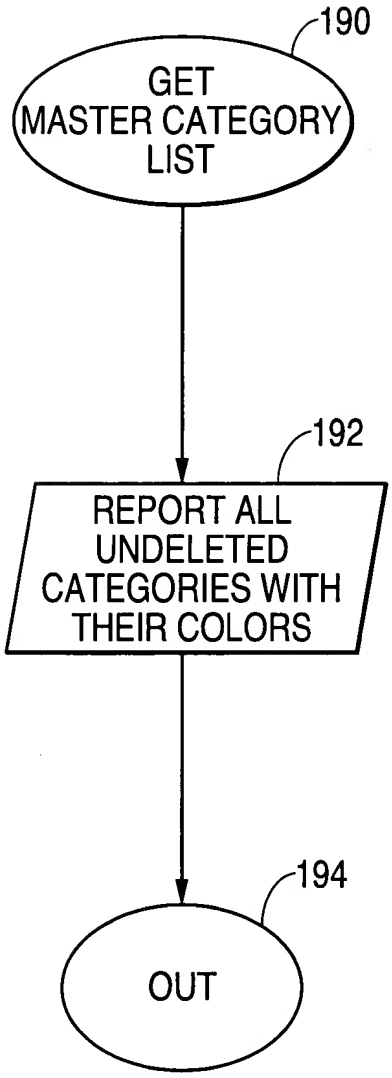
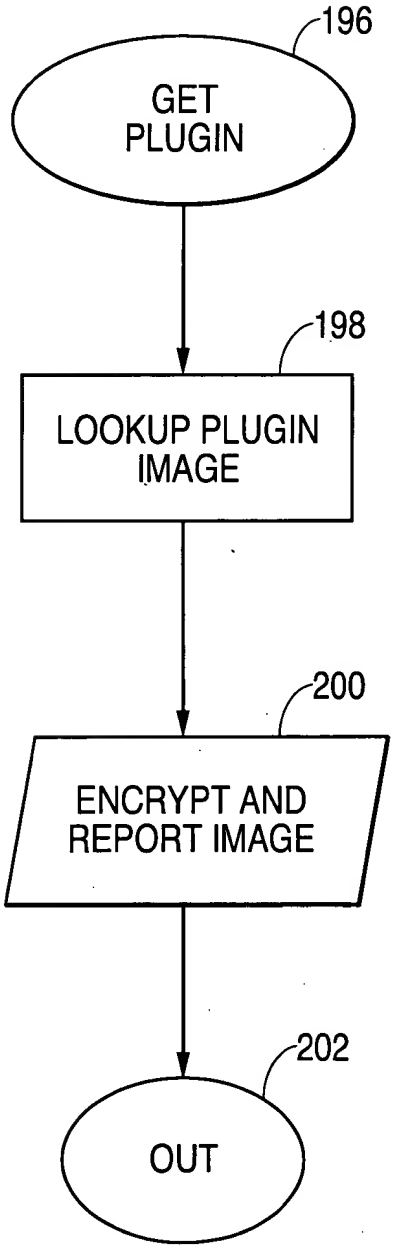

190
GET MASTER CATEGORY LIST
192
REPORT ALL UNDELETED CATEGORIES WITH THEIR COLORS
194
OUT

FIG. 10


196
GET PLUGIN
198
LOOKUP PLUGIN IMAGE
200
ENCRYPT AND REPORT IMAGE
202
OUT

REPLACEMENT SHEET

FIG. 11

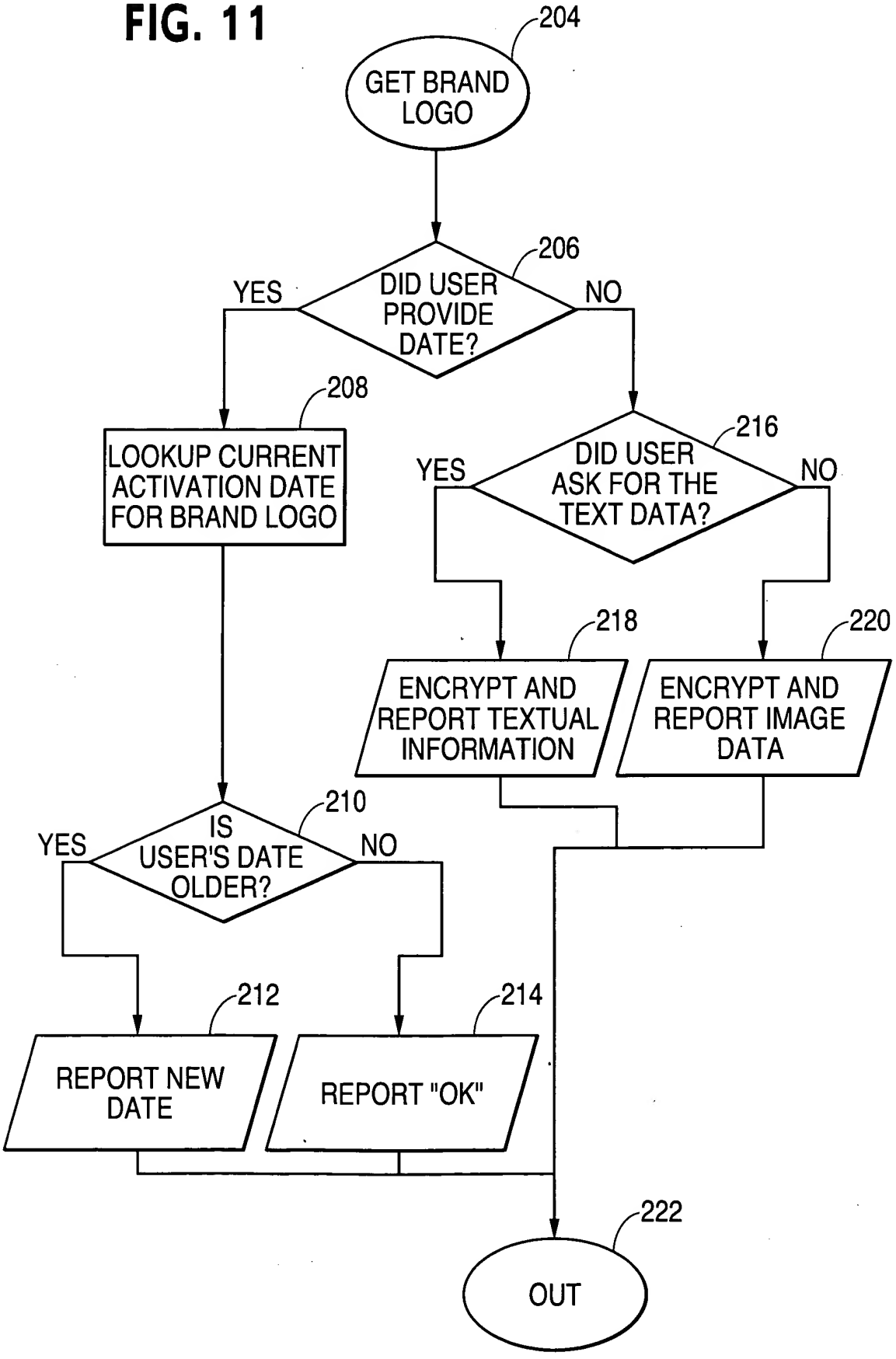


FIG. 12

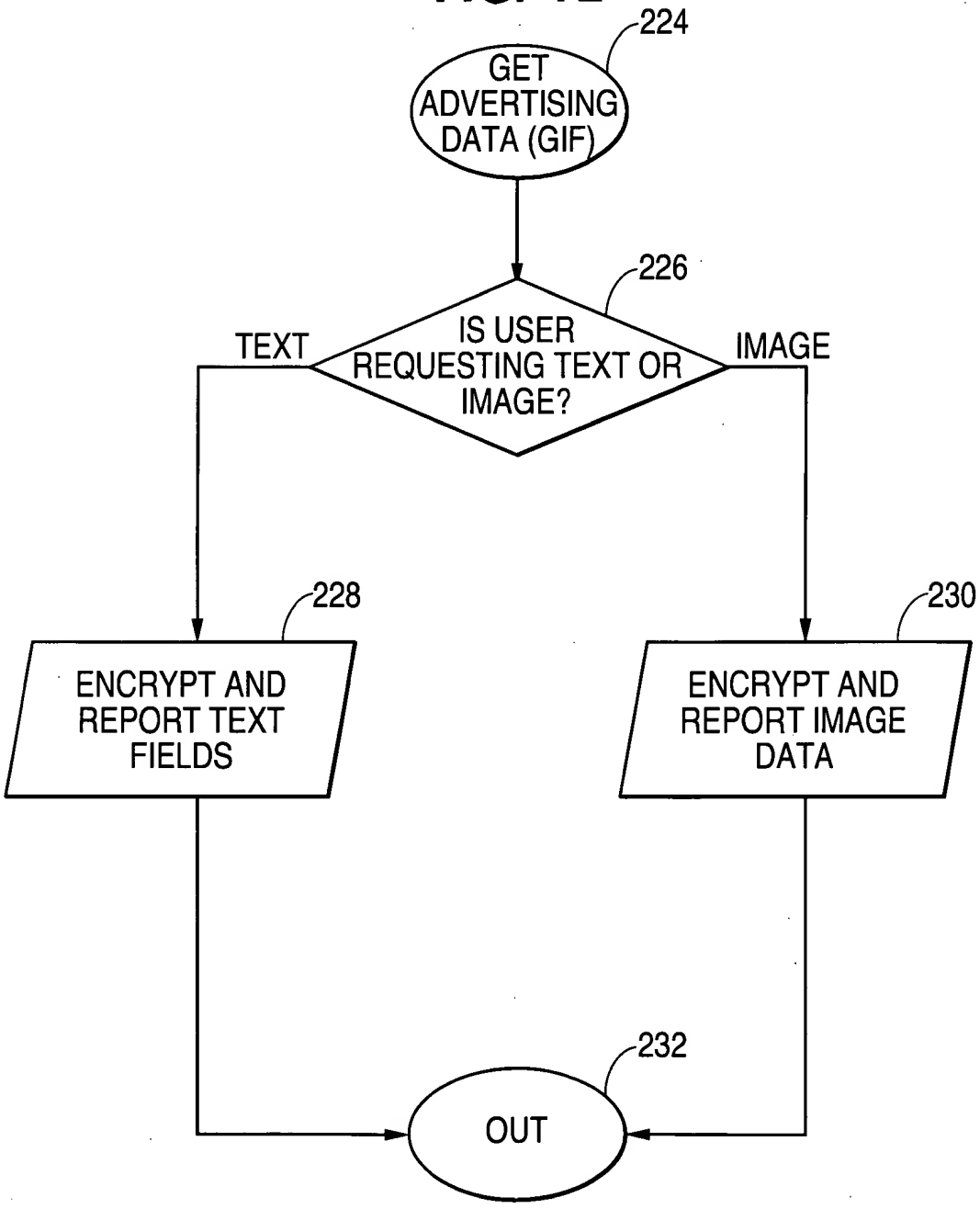

224
GET ADVERTISING DATA (GIF)
226
IS USER REQUESTING TEXT OR IMAGE?
TEXT
IMAGE
228
ENCRYPT AND REPORT TEXT FIELDS
230
ENCRYPT AND REPORT IMAGE DATA
232
OUT

FIG. 13

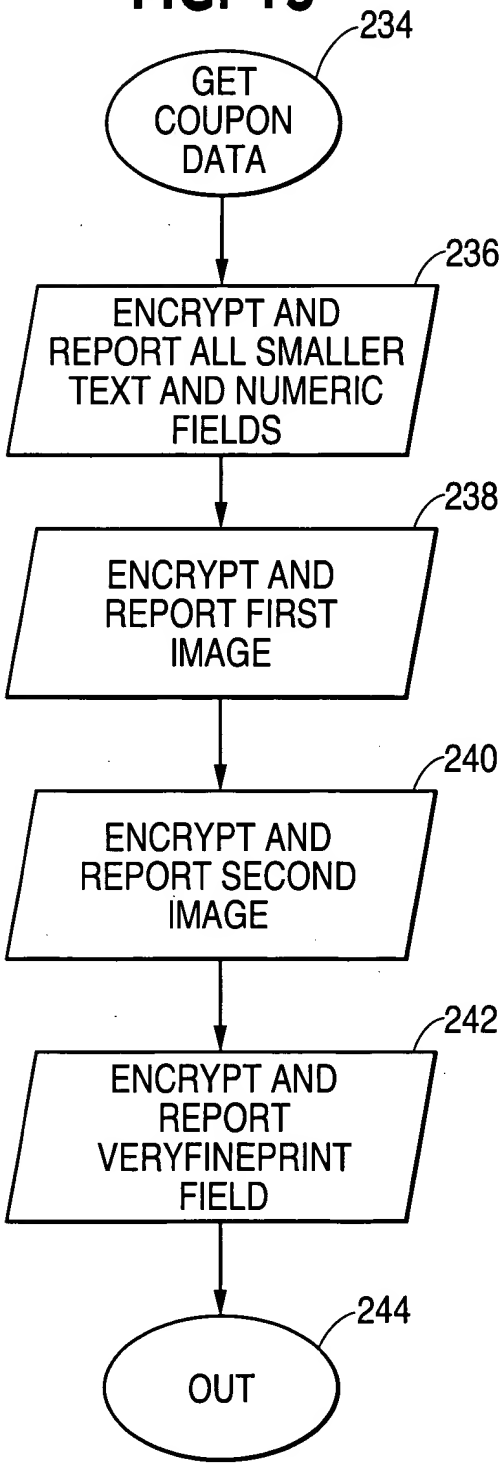

234
GET COUPON DATA
236
ENCRYPT AND REPORT ALL SMALLER TEXT AND NUMERIC FIELDS
238
ENCRYPT AND REPORT FIRST IMAGE
240
ENCRYPT AND REPORT SECOND IMAGE
242
ENCRYPT AND REPORT VERYFINEPRINT FIELD
244
OUT

FIG. 14

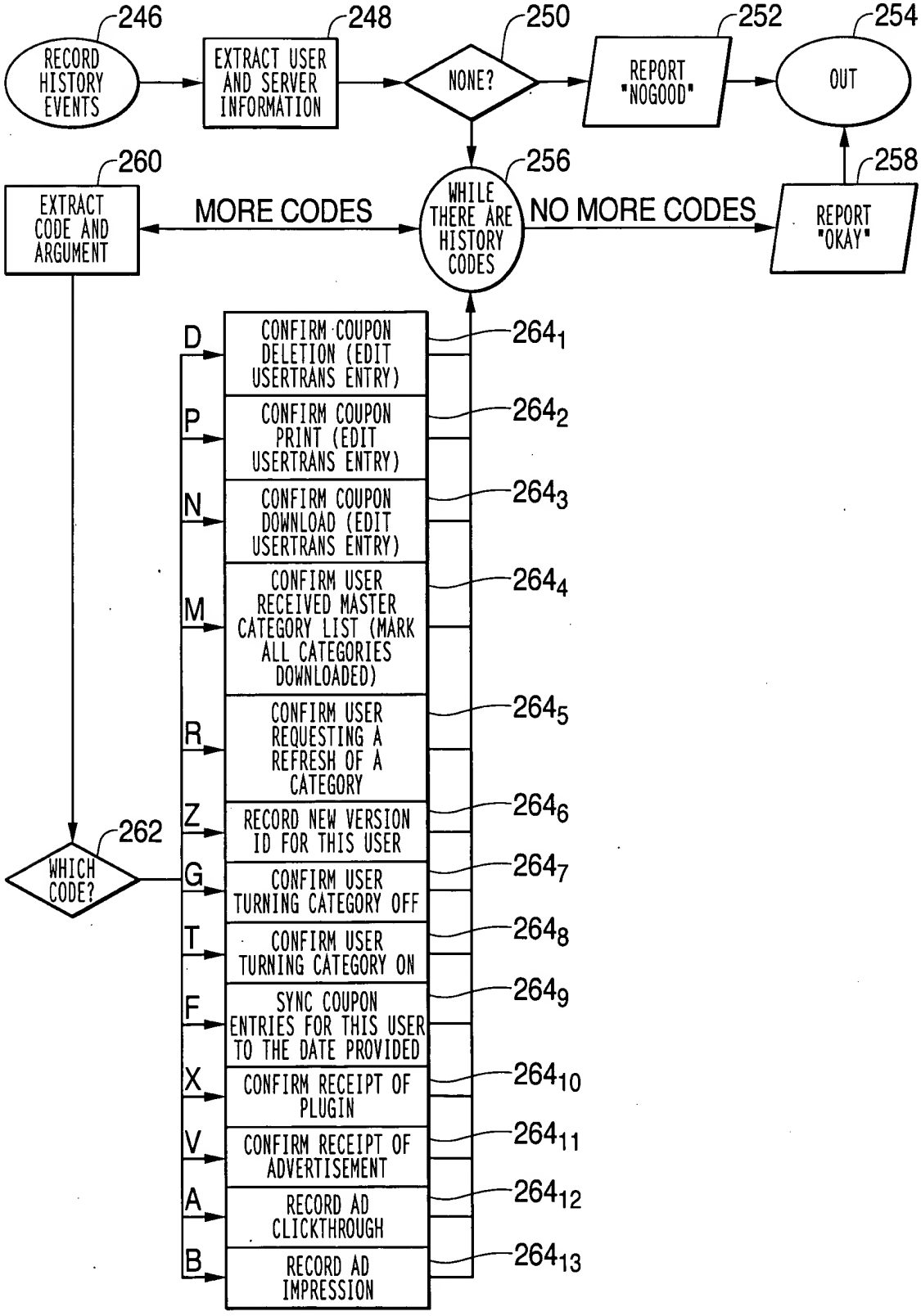

246
RECORD HISTORY EVENTS
248
EXTRACT USER AND SERVER INFORMATION
250
NONE?
252
REPORT "NOGOOD"
254
OUT
260
EXTRACT CODE AND ARGUMENT
MORE CODES
256
WHILE THERE ARE HISTORY CODES
NO MORE CODES
258
REPORT "OKAY"
262
WHICH CODE?
D
CONFIRM COUPON DELETION (EDIT USERTRANS ENTRY)
2641
P
CONFIRM COUPON PRINT (EDIT USERTRANS ENTRY)
2642
N
CONFIRM COUPON DOWNLOAD (EDIT USERTRANS ENTRY)
2643
M
CONFIRM USER RECEIVED MASTER CATEGORY LIST (MARK ALL CATEGORIES DOWNLOADED)
2644
R
CONFIRM USER REQUESTING A REFRESH OF A CATEGORY
2645
Z
RECORD NEW VERSION ID FOR THIS USER
2646
G
CONFIRM USER TURNING CATEGORY OFF
2647
T
CONFIRM USER TURNING CATEGORY ON
2648
F
SYNC COUPON ENTRIES FOR THIS USER TO THE DATE PROVIDED
2649
X
CONFIRM RECEIPT OF PLUGIN
26410
V
CONFIRM RECEIPT OF ADVERTISEMENT
26411
A
RECORD AD CLICKTHROUGH
26412
B
RECORD AD IMPRESSION
26413

FIG. 15

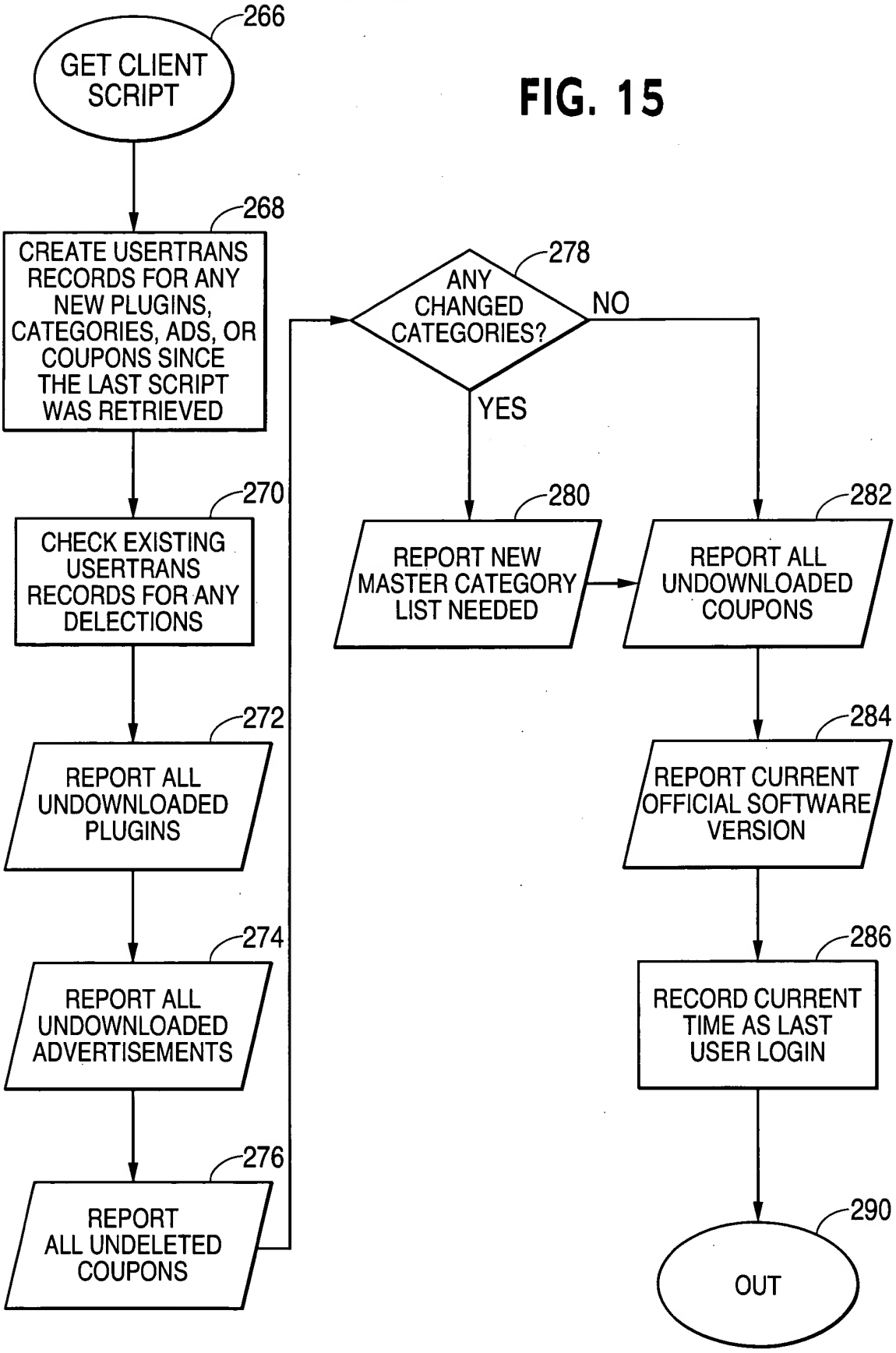

266
GET CLIENT SCRIPT
268
CREATE USERTRANS RECORDS FOR ANY NEW PLUGINS, CATEGORIES, ADS, OR COUPONS SINCE THE LAST SCRIPT WAS RETRIEVED
270
CHECK EXISTING USERTRANS RECORDS FOR ANY DELECTIONS
272
REPORT ALL UNDOWNLOADED PLUGINS
274
REPORT ALL UNDOWNLOADED ADVERTISEMENTS
276
REPORT ALL UNDELETED COUPONS
278
ANY CHANGED CATEGORIES?
NO
YES
280
REPORT NEW MASTER CATEGORY LIST NEEDED
282
REPORT ALL UNDOWNLOADED COUPONS
284
REPORT CURRENT OFFICIAL SOFTWARE VERSION
286
RECORD CURRENT TIME AS LAST USER LOGIN
290
OUT

FIG. 16

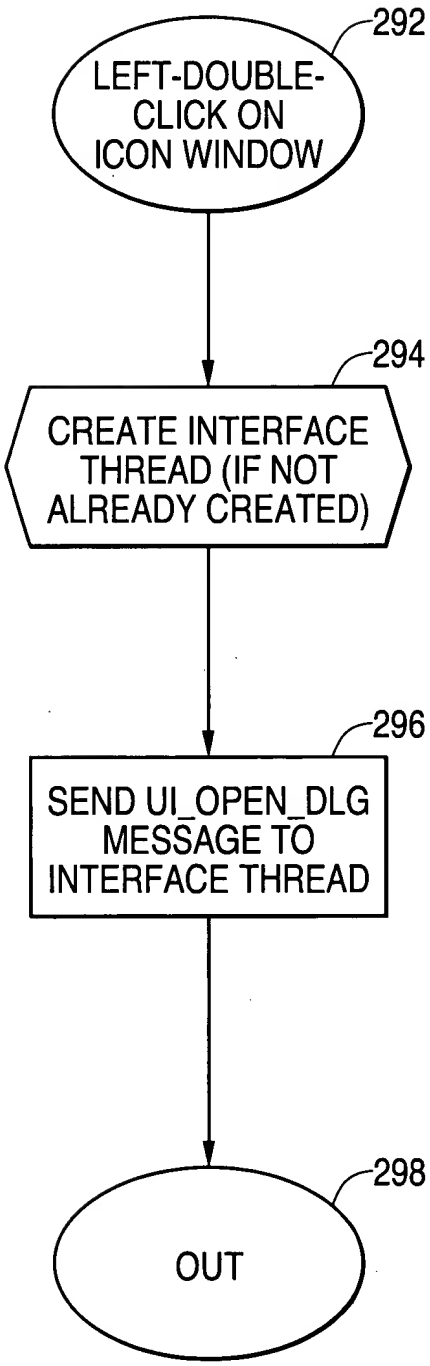

LEFT-DOUBLE-CLICK ON ICON WINDOW
292
CREATE INTERFACE THREAD (IF NOT ALREADY CREATED)
294
SEND UI_OPEN_DLG MESSAGE TO INTERFACE THREAD
296
OUT
298

FIG. 17

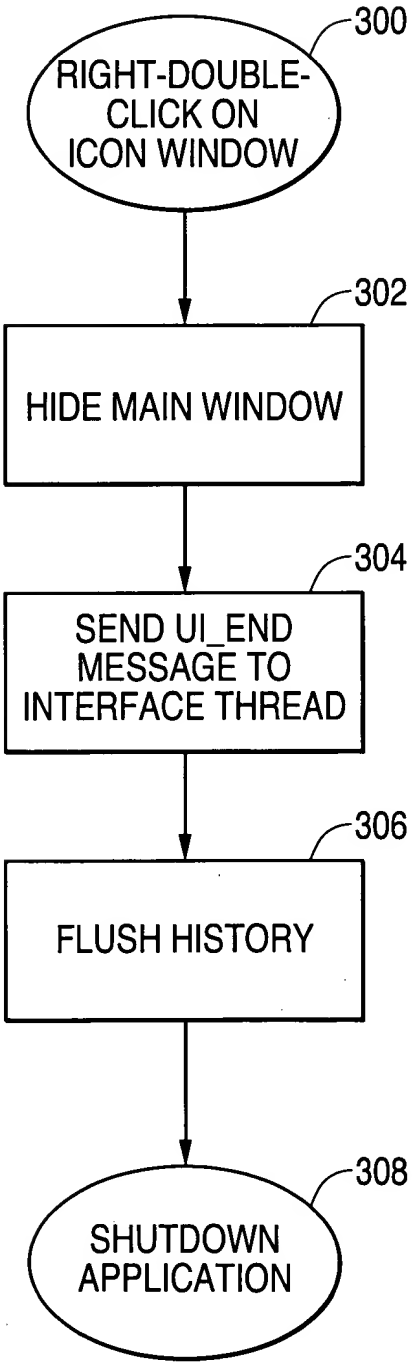
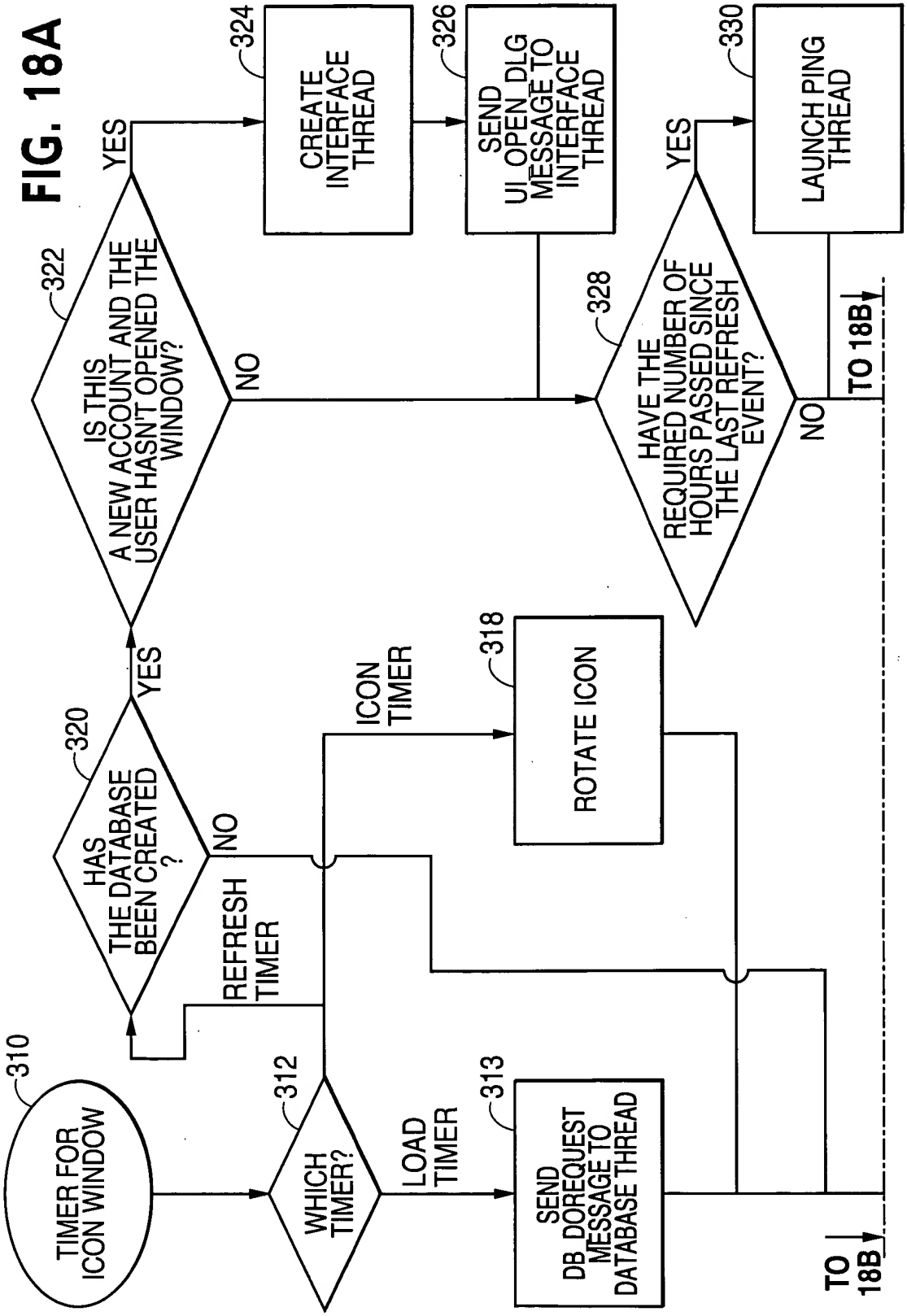

RIGHT-DOUBLE-CLICK ON ICON WINDOW
300
HIDE MAIN WINDOW
302
SEND UI_END MESSAGE TO INTERFACE THREAD
304
FLUSH HISTORY
306
SHUTDOWN APPLICATION
308

FIG. 18A


310
TIMER FOR ICON WINDOW
312
WHICH TIMER?
LOAD TIMER
313
SEND DB_DOREQUEST MESSAGE TO DATABASE THREAD
TO 18B
REFRESH TIMER
320
HAS THE DATABASE BEEN CREATED ?
NO
YES
ICON TIMER
318
ROTATE ICON
322
IS THIS A NEW ACCOUNT AND THE USER HASN'T OPENED THE WINDOW?
NO
YES
324
CREATE INTERFACE THREAD
326
SEND UI_OPEN_DLG MESSAGE TO INTERFACE THREAD
328
HAVE THE REQUIRED NUMBER OF HOURS PASSED SINCE THE LAST REFRESH EVENT?
NO
YES
330
LAUNCH PING THREAD
TO 18B

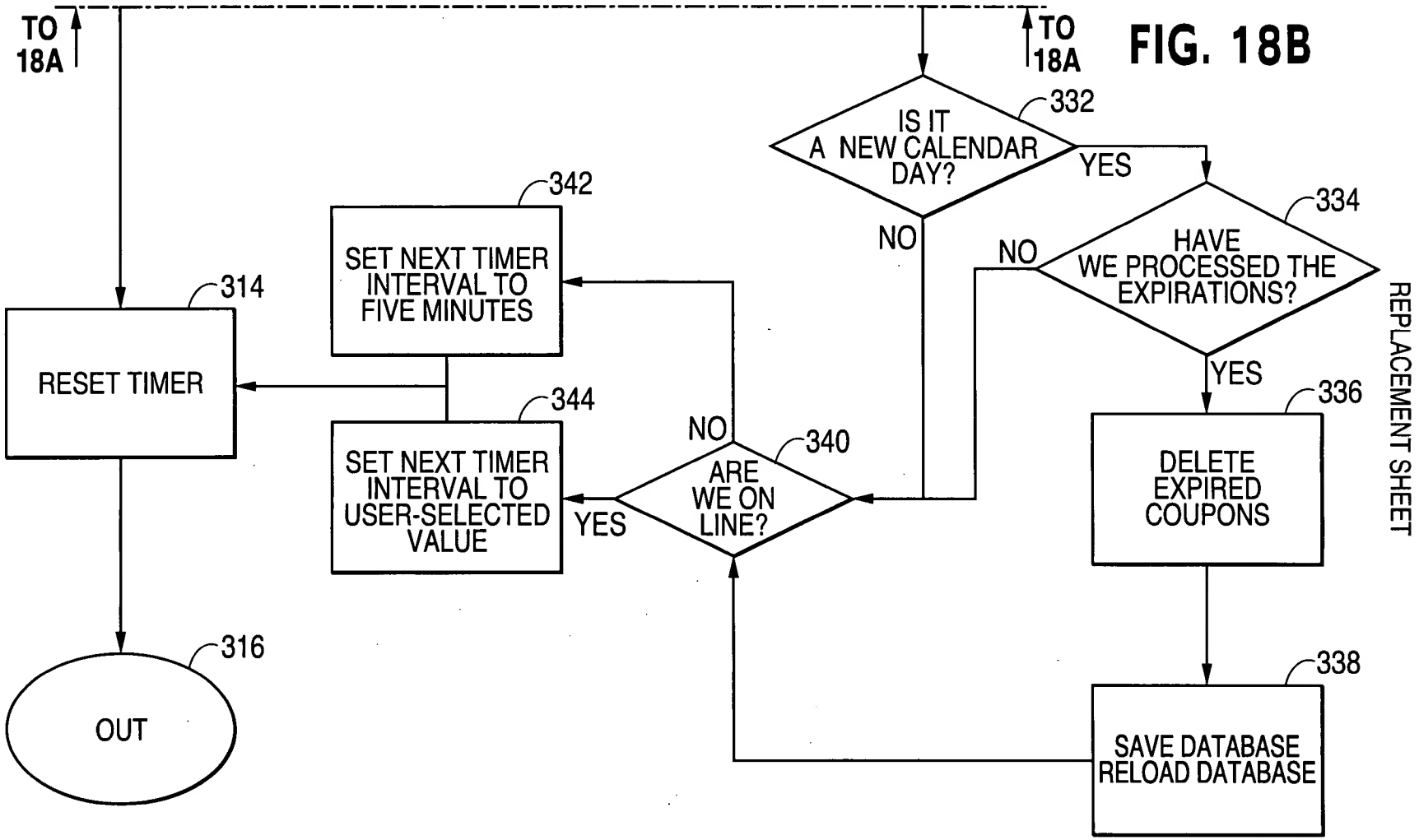


FIG. 18B

REPLACEMENT SHEET

FIG. 19

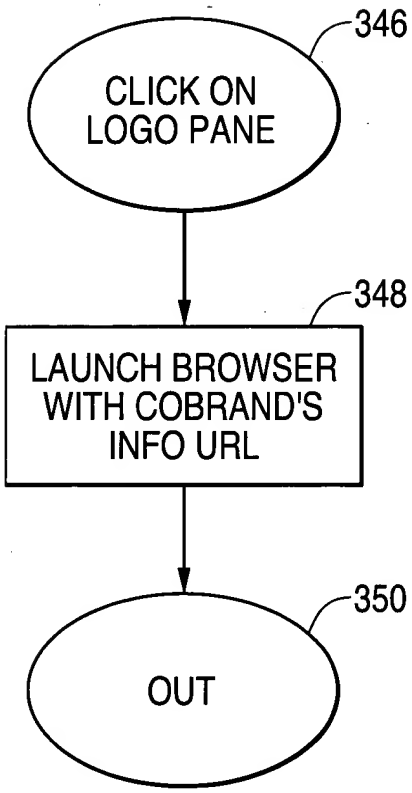

346
CLICK ON LOGO PANE
348
LAUNCH BROWSER WITH COBRAND'S INFO URL
350
OUT

FIG. 20

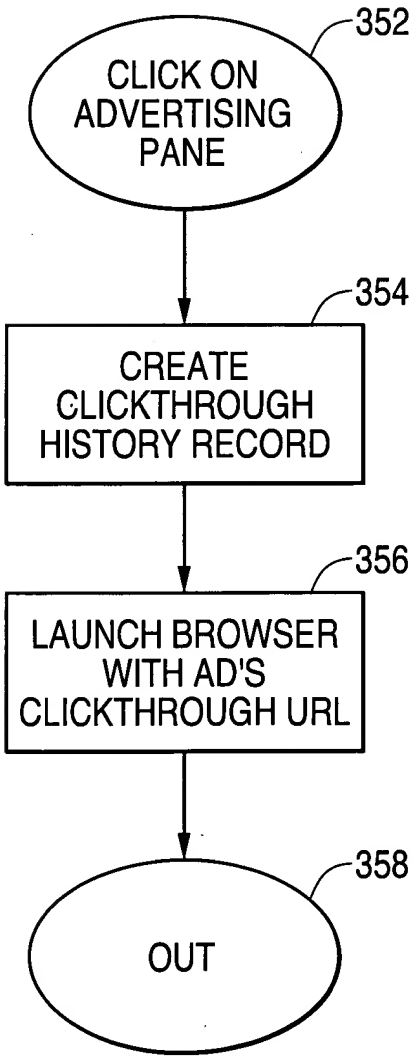

352
CLICK ON ADVERTISING PANE
354
CREATE CLICKTHROUGH HISTORY RECORD
356
LAUNCH BROWSER WITH AD'S CLICKTHROUGH URL
358
OUT

FIG. 21

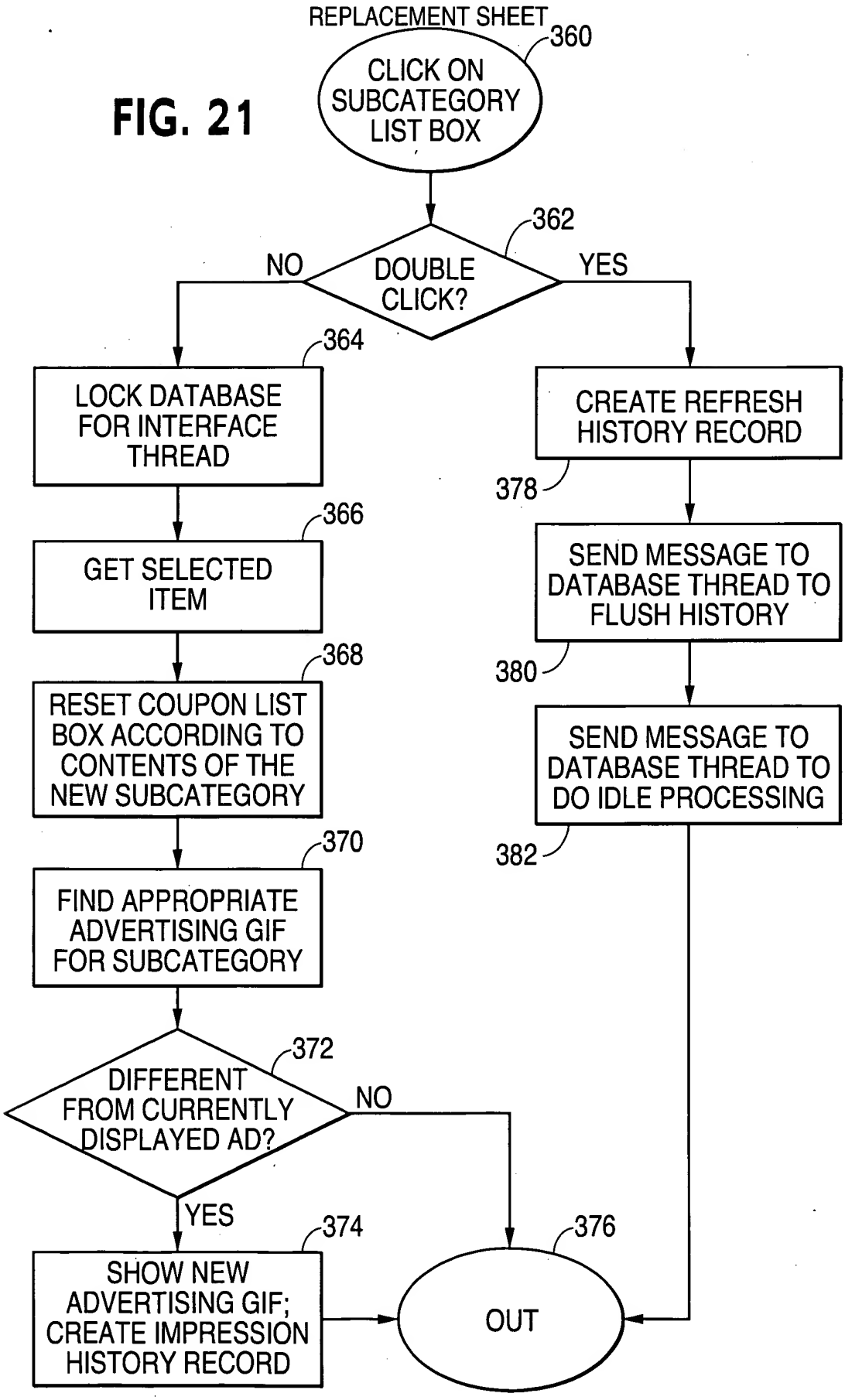

CLICK ON SUBCATEGORY LIST BOX
360
DOUBLE CLICK?
362
NO
YES
LOCK DATABASE FOR INTERFACE THREAD
364
GET SELECTED ITEM
366
RESET COUPON LIST BOX ACCORDING TO CONTENTS OF THE NEW SUBCATEGORY
368
FIND APPROPRIATE ADVERTISING GIF FOR SUBCATEGORY
370
DIFFERENT FROM CURRENTLY DISPLAYED AD?
372
NO
YES
SHOW NEW ADVERTISING GIF; CREATE IMPRESSION HISTORY RECORD
374
OUT
376
CREATE REFRESH HISTORY RECORD
378
SEND MESSAGE TO DATABASE THREAD TO FLUSH HISTORY
380
SEND MESSAGE TO DATABASE THREAD TO DO IDLE PROCESSING
382

FIG. 22

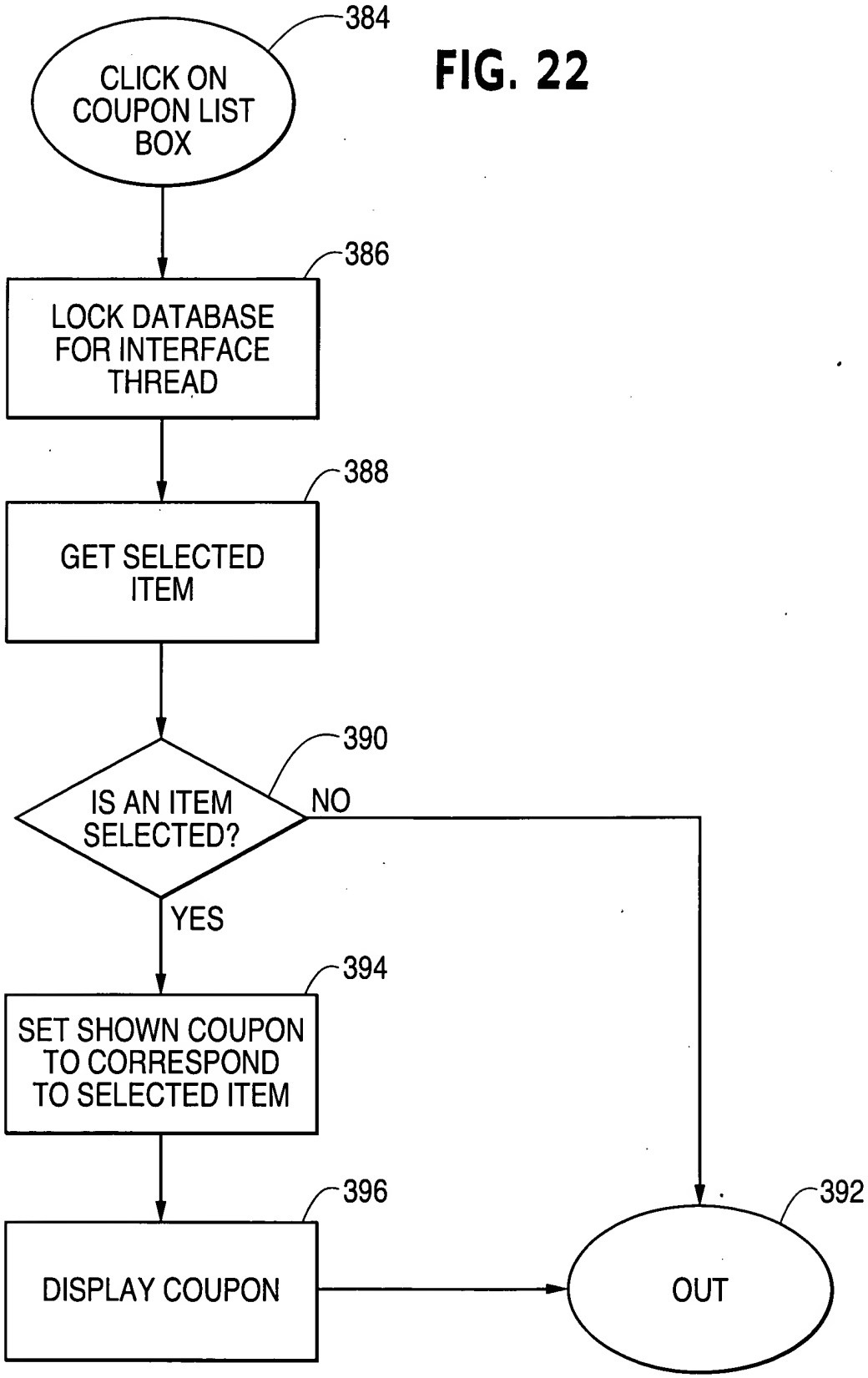
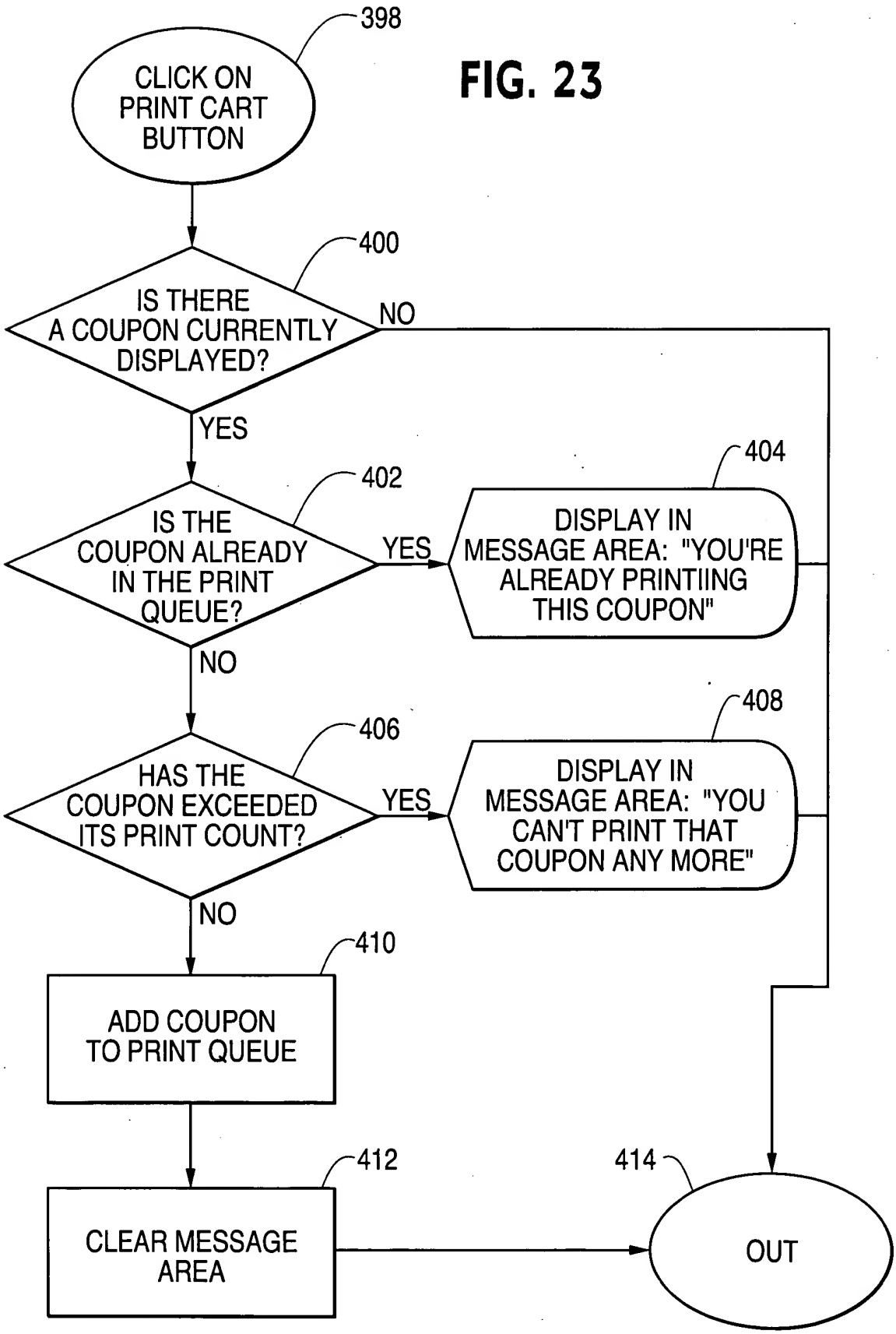

384
CLICK ON COUPON LIST BOX
386
LOCK DATABASE FOR INTERFACE THREAD
388
GET SELECTED ITEM
390
IS AN ITEM SELECTED?
NO
YES
394
SET SHOWN COUPON TO CORRESPOND TO SELECTED ITEM
396
DISPLAY COUPON
392
OUT

FIG. 23


398
CLICK ON PRINT CART BUTTON
400
IS THERE A COUPON CURRENTLY DISPLAYED?
NO
YES
402
IS THE COUPON ALREADY IN THE PRINT QUEUE?
YES
404
DISPLAY IN MESSAGE AREA: "YOU'RE ALREADY PRINTIING THIS COUPON"
NO
406
HAS THE COUPON EXCEEDED ITS PRINT COUNT?
YES
408
DISPLAY IN MESSAGE AREA: "YOU CAN'T PRINT THAT COUPON ANY MORE"
NO
410
ADD COUPON TO PRINT QUEUE
412
CLEAR MESSAGE AREA
414
OUT